

Amendment to the claims

1. (CURRENTLY AMENDED) A call interface comprising:

an interworking unit configured to receive signaling a setup message for a call, transfer the signaling setup message to a signaling converter, receive communications for the call, and convert the communications for the call between a first communication format and a second communication format in response to a control message;

the signaling converter configured to receive the signaling setup message for the call and convert the signaling setup message between a first signaling format and a second signaling format; and

the signaling processor coupled to the signaling converter and the interworking unit and configured to receive the signaling setup message in the second signaling format and process the signaling setup message to select a service for the call, generate the control message indicating the selected service, and transfer the control message indicating the selected service; and

a service platform coupled to the interworking unit and the signaling processor and configured to receive the control message and provide the selected service for the call.

2. (ORIGINAL) The call interface of claim 1 wherein the first communication format and the first signaling format comprise ISDN.

3. (ORIGINAL) The call interface of claim 1 wherein the first communication format and the first signaling format comprise GR-303.

4. (ORIGINAL). The call interface of claim 1 wherein the first communication format comprises time division multiplexing.

5. (ORIGINAL). The call interface of claim 1 wherein the first signaling format comprises B-ISDN.

6. (ORIGINAL). The call interface of claim 1 wherein the first communication format comprises an electrical format and the second communication format comprises an optical format.

7. (ORIGINAL). The call interface of claim 1 wherein the second signaling format comprises SS7.

8. (ORIGINAL). The call interface of claim 1 wherein the second communication format comprises ATM.

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19. (CURRENTLY AMENDED). The call interface of claim 1 wherein the signaling processor is configured to process the signaling setup message to select an identifier for asynchronous communications and the interworking unit is configured to convert the communications for the call using the selected identifier.

20. (CURRENTLY AMENDED). The call interface of claim 1 wherein the signaling processor is configured to process the signaling setup message to select a VPI/VCI and the interworking unit is configured to convert the communications for the call a DS0 and the selected VPI/VCI.

21. (CURRENTLY AMENDED). The call interface of claim 1 wherein the setup message comprises signaling processor is configured to process an initial address message.

22. (CURRENTLY AMENDED) A method of operating a call interface, the method comprising:

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in an interworking unit, receiving signaling a setup message and communications for a call, transferring the signaling setup message to a signaling converter, and converting the communications between a first communication format and a second communication format in response to a control message;

in the signaling converter, converting the signaling setup message for the call between a first signaling format and a second signaling format; and

in the signaling processor, receiving the signaling setup message in the second signaling format from the signaling converter, processing the setup message to select a service for the call, generating the control message indicating the selected service, and transferring the control message indicating the selected service; and

in a service platform, receiving the control message and providing the selected service for the call.

23. (ORIGINAL). The method of claim 22 wherein the first communication format and the first signaling format comprise ISDN.

24. (ORIGINAL). The method of claim 22 wherein the first communication format and the first signaling format comprise GR-303.

25. (ORIGINAL). The method of claim 22 wherein the first communication format comprises time division multiplexing.

26. (ORIGINAL). The method of claim 22 wherein the first signaling format comprises B-ISDN.

27. (ORIGINAL). The method of claim 22 wherein the first communication format comprises an electrical format and the second communication format comprises an optical format.

28. (ORIGINAL). The method of claim 22 wherein the second signaling format comprises SS7.

29. (ORIGINAL). The method of claim 22 wherein the second communication format comprises ATM.

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40. (CURRENTLY AMENDED). The method of claim 22 wherein processing the signaling setup message further comprises selecting an identifier for asynchronous communications and converting the communications for the call further comprises using the selected identifier.

41. (CURRENTLY AMENDED). The method of claim 22 wherein processing the signaling setup message further comprises selecting a VPI/VCI and converting the communications for the call further comprises converting between a DS0 and the selected VPI/VCI.

42. (CURRENTLY AMENDED). The method of claim 22 wherein processing the signaling setup message further comprises processing an initial address message.
